GOVERNMENT OF MYSORE, ELECTRICAL DEPARTMENT.

OFFICE OF THE CHIEF ELECTRICAL ENGINEER IN MYSORE, BANGALORE.

Notification dated 7th March 1938.

Sealed tenders for the purchase of the following pin-type insulators and pole clamps useful for installation on consumers' lines will be received in the Office of the Chief Electrical Engineer to the Government of Mysore, Bangalore, up to 2 P.M. on Thursday the 31st March 1938.—

2,470 insulators of different sizes and shapes with steel pins and wooden thimbles.
400 insulators of different sizes and shapes *without* pins and thimbles.
408 Clamps for No. 3 pole.

The above materials are available for inspection at our Central Stores, near Binny Mills, Bangalore City, and may be seen there by intending purchasers on working days during office hours.

Tenders should be superscribed "Tenders for the purchase of insulators and clamps due at 2 P.M. on 31st March 1938" and should be accompanied by an earnest money of Rs. 50 (Rupees fifty) only. The earnest money should be sent separately by registered post in currency notes or cheques drawn on the Bank of Mysore, Ltd., Bangalore, or the Imperial Bank of India, Bangalore, or remitted by Money Order.

The Chief Electrical Engineer reserves to himself the right to refuse the highest or any tender, whole or part, without assigning any reason therefor.

The earnest money of the successful tenderer will be retained and he will be required to pay up the balance of amount before removing the materials.

Arrangements should be made by the purchaser at his cost to remove the materials from the Stores within 10 days of communication of acceptance of his tender.

Failure to comply with the above conditions will entail the forfeiture of the amount deposited and the materials will be resold at the risk of the tenderer who will have no claim to profit, if any, that might accrue in the resale, but will be liable to reimburse the Department all losses entailed in the resale.

Arrangements will be made to refund the earnest money of the unsuccessful tenderers soon after the tenders are opened and decided upon.

S. G. FORBES,
Chief Electrical Engineer.

OFFICE OF THE SUPERINTENDENT, POWER AND LIGHTING, MYSORE.

Notification dated 7th March 1938.

1. Sealed tenders, in triplicate, will be received at the Office of the Superintendent, Power and Light, Mysore, superscribed with the name of the work mentioned below.

2. The plans connected with the work may be seen at the office of the undersigned at all working hours. *The copies, if required, will be made available on payment of Rs. 5 per set.*

3. The tenders should be drawn up strictly in conformity with the specifications furnished, writing out the rates at which each item of work will be executed, in figures as well as in *words*, failing which no cognisance will be taken of the tender. No items other than those noted in the statement should be included as the items cover provision for all sundries, repairs to damaged masonry and painting, etc. The system of wiring adopted being in embedded conduit, grooves for the horizontal run of the circuits have been made on the walls and the pieces of conduits threaded at either ends have been laid in the cement concrete ceiling for all the lighting out-lets and necessary clamps provided to support the fixtures. Grooves for the vertical run of the conduits and niches for the distribution boards, lighting and heating control points, etc., have to be provided only in the ground floor but in the first floor necessary niches have been left in the masonry. All the grooves and other openings made in the wall, etc., should be mended nicely to match with the plastering of the walls using well ground and proportioned chunam mortar. The above points should be noted *and due reduction allowed for the portion of the work already executed, while submitting the tenders.*

4. The materials to be used on the work should be of best quality *conforming to B.E.S.A. specifications* and mention should be made of the manufacture and the catalogue numbers of the materials offered. Teakwood planks to be used on the work should be free from cracks and knots and well seasoned. No planks less than 12" in width will be permitted to be used unless it is to make up the difference in size of the board required. Only the lap joints should be adopted in all cases.

5. The undersigned reserves the right to reject the tenders without assigning any reasons therefor.

6. The successful tenderer will be required to deposit an earnest money of Rs. 700 (Rupees Seven hundred only) with the undersigned in cash or in Government Security Bonds, duly endorsed in favour of the Superintendent, Power and Lighting, Mysore, and execute an agreement within a

week from the date of intimation of acceptance of the tender. *He should send samples of all the materials required for the work mounted on a board and start the work after obtaining the approval of the undersigned with regard to the same* and carry out the wiring following the rules of this Department as well as that of the Institution of Electrical Engineers. He should also be prepared to adopt any changes in the location of control points and other outlets that might be suggested by the undersigned during the progress of the work without extra cost, if the tender is not materially affected by such deviations.

7. The undersigned reserves the right also to reject the work either in full or in part if he finds the work not carried out in terms of the specifications or is otherwise dissatisfied with the workmanship.

8. *Name of the work.*—"Installing Electric lights and heating circuits to the New Cheluvamba Maternity Hospital, Mysore."

9. Last date for receiving the tenders—4th April 1938 at 3 P.M.

10. Date and time of opening the tenders in public—4th April 1938 at 4 P.M.

11. A period of 12 weeks will be allowed for final completion of the work with effect from the date of final acceptance of the tender. A penalty of rupees ten for each day's delay over and above the stipulated period during the first week and rupees twenty during the second week will be imposed. If there be further delay, the Department will take charge of the installation at whatever stage it might be and arrange for its completion through any other agency entirely at the risk of the tenderer.

12. Details of work :—

	PART I.—Providing Mains and Distribution Board.	*Quantity.*
1.	Supplying and running 3-phase, 25-cycles, 220-volts, mains in $2\frac{1}{2}$" W.I. pipe embedded with necessary bends, etc., using No. 37—·072 SWG. insulated wire 660-volts grade and accessories .. .. Ft.	25
2.	Do do single phase mains in $1\frac{1}{4}$" W.I. pipe with bends, etc., using No. 19 ·052 SWG. insulated wire and accessories as per specification above .. .. "	25
3.	Supplying, fixing and wiring T.W. board 6′×4′×$1\frac{1}{2}$" supported on $2\frac{1}{2}$"×$\frac{3}{8}$" angle iron frame work with back board 1" thick equipping the same with four 60 amps. D.P.S.T. Knife switches mounted on slate base with renewable cartridges, four T.P.S.T. 100 amp., knife switches on slate base with renewable cartridges enclosed in T.W. boxes lined with asbestos and provided with glass front, using No. 19/·083, 19/·052 and 7/·064 SWG. 660-volts grade insulated wires and accessories and enclosing the gap all round the board with T.W. panelled shutters .. .. No. (*N.B.*—The distance between the board and the rear board should be 15".)	1
4.	Earthing .. .. L. S.	
	Total amount of Part I ..	

PART II.—Laying of Pipes for enclosing the underground feeders.

1.	Supplying and laying 2" galvanized pipes across the southern wing of the hospital 3 feet below the ground for enclosing—		
	(*a*) Lighting sub-feeders 4		
	(*b*) Heating 4	} Ft.	360
	(*c*) Electric Lift 1		
	with necessary accessories.		
	Total amount of Part II ..		

PART III.—Lighting the Ground Floor of Cheluvamba Maternity Hospital, Mysore.

1.	Supplying and laying No. 6 B. & S. paper insulated lead covered, double steel tape armoured, jute served, underground cable for 1,000 volt pressure in a trench 3′ deep and surrounding the same with 3" of fine sand and enclosing the ends of the cable in in-door type C.I. junction boxes filled with bitumen, using No. 7/·064 SWG. insulated wire 660-volts grade and accessories .. .. Ft.		1,100
2.	Supplying and running mains in 1-$\frac{1}{4}$" W.I. pipe embedded in the wall, using No. 7/·064 SWG. 660-volts grade insulated wire and accessories (from in-door junction boxes to main and sub-distribution boards) .. .. "		80

		Quantity.
3.	Supplying, fixing and wiring T.W. distribution board $3\frac{1}{2}' \times 2' \times 1''$ with battens and rear board equipping the same with a 30 to 35 amp. D.P.S.T. all insulated main switch (M. K. List No. 3420), one 4-way distribution board in pressed steel 'Silverlac' case, D. P. H. O. pattern 15 amp. per way with fuses, 10 to 15 amps. S.P. circuit switches with reinforced bakelite cover, enclosing the complete equipment in an iron box made of $\frac{1}{8}''$ sheet mounted in a niche cut open in the wall provided with a hinged glazed shutter to go flush with the wall painted to suit the surroundings, using No. 7/·064, 7/·044 and 7/·029 SWG. insulated wire (660-volts grade) and accessories .. No.	4
4.	Supplying, fixing and wiring in heavy gauge $\frac{3}{4}''$ braized conduit with rectangular flush type junction, terminal and multiple boxes, bends, etc., embedded flush with the wall for lighting outlets, using one 5 amp. flush type control switch with cream bakelite plate, ring, etc., using No. 7/·029 and 3/·036 SWG. 250-volts grade insulated wires (for mains and taps respectively) and accessories .. „	56
5.	Do do for 5 amp. flush type wall plug complete with 5 amp. flush type control switch, etc., as per above specification .. „	17
6.	Do do for ceiling fan 220-volts, 60-cycles, 56" sweep, complete with canopies, 5 point variable speed regulator, down-rod, etc., as per above specification .. „	1
7.	Earthing .. L.S.	
	Total amount of Part III ..	

PART IV.—Lighting the First Floor.

1.	Supplying and running sub-mains in $\frac{3}{4}''$ W.I. pipe embedded in the wall using No. 7/·044 SWG. 660-volts grade insulated wire and accessories .. R.ft.	75
2.	Supplying, fixing and wiring a pair of 30 amp. iron clad fuse cut-outs on the sub-distribution board at the ground floor, using No. 7/·044 SWG. 660-volts grade insulated wire and accessories .. No.	4
3.	Do do a T.W. distribution board $3' \times 2' \times 1''$ with battens and rear board equipping the same with a 30 to 35 amp. D.P.S.T. all insulated main switch (M. K. List No. 3420), one 4-way distribution board in pressed steel 'Silverlac' case D.P.H.O. pattern 15 amps. per way with fuses and 10 to 15 amps. circuit switches with S.P. reinforced bakelite cover, enclosing the complete equipment in an iron box made out of $\frac{1}{8}''$ thick sheet in a niche cut open in the wall provided with hinged, glazed shutters to go flush with the wall, painted to suit the surroundings, using No. 7/·044 and 7/·029 SWG. 660-volts grade insulated wire and accessories .. No.	4
4.	Do do in $\frac{3}{4}''$ braized conduit heavy gauge with rectangular flush type junction, terminal and multiple boxes, bends, etc., embedded flush with the wall for lighting outlets, using one 5 amp. flush type control switch with cream bakelite plate, ring, etc., using No. 7/·029 and 3/·036 SWG. 250-volts grade insulated wires (for mains and taps respectively) and accessories .. No.	48
5.	Do do for 5 amp. flush type wall plug complete with 5 amp. flush type control switch with cream bakelite plate, etc., as per above specification .. No.	17
	Total amount of Part IV ..	

PART V.—Providing heating circuit to the Ground Floor.

1.	Supplying and laying No. 19/·083 SWG. three-core, paper insulated, lead covered, double steel tape armoured, jute-served, underground cable for 1,000-volts pressure in a trench 3' deep surrounding the same with 3" of fine sand and enclosing the ends of the cable in C.I. in-door type junction boxes filled with bitumen, using No. 19/·083 SWG. 660-volts grade insulated wire and accessories .. R.ft.	1,100
2.	Supplying and running mains 3-phase in 1-$\frac{1}{2}''$ W.I. pipe with bends, etc., embedded flush with the wall, using No. 19/.083 SWG. 660-volts grade insulated wire and accessories .. R.ft.	80
3.	Supplying, fixing and wiring 6 iron-clad service cut-outs, 50 amps. capacity on the lighting sub-distribution board available at the ground floor; using No. 19/·083 and 7/·044 SWG. 660-volts grade insulated wire and accessories .. No.	4

			Qunatity.
4.	Supplying, fixing and wiring 4 iron-clad service cut-outs, 30 amps. capacity at the lighting sub-distribution boards, 2 and 3 in ground floor using No. 7/·044 SWG. 660 volts grade insulated wire and accessories ..	No.	2
5.	Do do in 1″ heavy gauge braized conduit with rectangular junction boxes, bends, etc., embeded in the wall for 15 amp. 3 pin interlocking flush type wall plug protected with a pair of Home Office pattern 15 amp. fuse cut-outs mounted on a suitable T.W. board with batten and rear board, etc., enclosed in ⅛″ thick sheet iron box flush with the wall provided with a brass plate (nickle plated) in the front, using No. 7/·044 and 7/·036 SWG. 660 volts grade insulated wires (for mains and taps respectively) and accessories	No.	6
6.	Do do in 1″ braized conduit with junction boxes, bends, etc., embeded flush with the wall for instantaneous water heater 30 amp. capacity, using ½″ bend and one screw down cock ½″ all nickle plated and one 30 to 35 amps. D.P. all insulated switch (M. K. List No. 3420) surface type, mounted on a T.W. plank enclosed in an iron box made of ⅛″ thick sheet, mounted flush with the wall using No. 7/·044 SWG. 660 volts grade insulated wire and accessories .. .. .. (*N.B.*—Heater will be supplied by the Department).	No.	2
7.	Earthing	L.S.	
	Total amount of Part V		

PART VI.—Providing Heating Circuit for the First Floor.

1.	Running sub-mains, 3 phase, in 1-½″ W.I. pipe with bends, etc., embeded in the wall using Nc. 7/·064 SWG. 660 volts grade insulated wire and accessories	R.ft.	75
2.	Supplying, fixing and wiring 3 iron-clad service cut-outs 50 amps. capacity on the sub-distribution board at the ground floor, using No. 7/·064 SWG. 660 volts grade insulated wire and accessories	No.	4
3.	Supplying, fixing and wiring 4 iron-clad service cut-outs 30 amps. capacity on the board in the first door, using No. 7/·064 SWG. 660 volts grade insulated wire and accessories	No.	1
4.	Do do in 1″ heavy gauge braized conduit with rectangular flush type junction boxes, bends, etc., embedded flush with the wall for 15 amps. 3 pin interlocking flush type wall plug protected by a pair of Home Office pattern 15 amp. fuse cut-outs mounted on a suitable T. W. board with batten and rear board enclosed in ⅛″ sheet iron box flush with the wall provided with a brass plate (nickle plated) in front, using No. 7/·044 and 7/·036 SWG. 660 volts grade insulated wire and accessories	No.	3
5.	Supplying, fixing and wiring in heavy gauge 1″ braized conduit with rectangular flush type junction boxes, bends, etc., embedded flush with the wall for instantaneous water heater 30 amp. one screw down cock, all nickle plated and one 30 to 35 amps. all insulated D.P. main switch (M. K. List No. 3420) surface type, mounted on a T.W. plank enclosed in an iron box made of ⅛″ thick sheet mounted flush with the wall using No. 7/·044 SWG. 660 volts grade insulated wire and accessories .. (*N.B.*—(Heater will be supplied by the Department).	No.	1
6.	Earthing	L.S.	
	Total amount of Part VI ..		

PART VII.—Providing Lighting Fixtures for both the Ground and First Floors.

1.	Supplying, fixing and wiring Ivanhoe Trojan fittings, ceiling type complete with canopy, B.C. lamp holder, 9″ opal trojan glass-ware using necessary accessories	No.	33
2.	Do do "Sildene" fitting G.E.C. Cat. No. F.10370 with chromium-plated pendant complete with B.C. lamp holder, opal globe and canopy	No.	37
3.	Do do Pendants 2 to 4 ft. long nickle plated brass ⅜″ complete with ceiling plate, lamp holder B.C. and 6″ opal glass-ware (globe) and carrier ring, etc., complete	No.	33

		Quantity.
4.	Supplying and fixing lamps 100 watts, 220 to 230 volts M.F. B.C. gas filled	No. 70
5.	Do do 60 watts do	,, 33
	Total amount of Part VII	

Abstract.

Total amount of	I	..
Do	II	..
Do	III	..
Do	IV	..
Do	V	..
Do	VI	..
Do	VII	..
	Grand Total	..

M. HAYATH,
Superintendent.

MYSORE STATE RAILWAY.

OFFICE OF THE TRAFFIC MANAGER, MYSORE.

Notice dated 10th March 1938.

With effect from 1st April 1938, the Train Service over this Railway will be revised as follows :—

1. *Bangalore-Harihar and Bangalore-Hindupur Sections.*

No. 57 will leave Bangalore City at 12-00 instead of 12-20 and arrive Tumkur at 14-20 instead of 14-11. No. 58 will leave Tumkur at 14-35 instead of 14-40 and arrive Bangalore City at 17-00 instead of 16-50.

No. 30 will leave Harihar at 10-00 instead of 8-45 and arrive Arsikere at 19-40 instead of 19-15.

No. 70 will leave Hindupur at 6-50 instead of 5-55 and arrive Bangalore City at 10-08 instead of 9-17.

Bangalore City-Arsikere Nos. 53 & 54, Bangalore City-Tumkur Nos. 57 & 58 and Bangalore City-Hindupur Nos. 69 & 70 passenger trains will stop at Malleswaram between Bangalore City and Yesvantpur to pick up and set down passengers.

Slight alterations have been made in the timings of other trains.

2. *Bangalore City-Mysore Section.*

No. 73 will leave Maddur at 7-10 instead of 6-10 and arrive Bangalore City at 10-20 instead of 9-15.

Nos. 71 & 72 Shuttle trains will cease to stop at Uraga (Mile 232/5) between Closepet and Bidadi.

3. *Mysore-Arsikere Section.*

No. 12 will leave Mysore at 15-50 instead of 15-10 and arrive Arsikere at 0-30 instead of 23-40.

4. *Shimoga Town-Sagara Section.*

Nos. 19 & 20 trains will stop at the following halts to pick up and set down passengers.

Adderi (Mile 80¼) between Balegundi and Anandapuram.

Konagavalli (Mile 48) between Harnahalli and Kotegangur.

5. *Bangalore City-Bowringpet Section (N. G.)*

Slight alterations have been made in the train timings.